

WHAT IS CLAIMED IS:

1. A print head cap comprising:

a bottom surface; and

a ring-like lip surrounding the bottom surface like a
5 ring, protruding toward a nozzle surface of a print head of
an ink jet printer and being elastically deformable, the
ring-like lip to be pressed onto the nozzle surface to cover
the nozzle surface therewith;

wherein the ring-like lip has corners that change a
10 direction of surrounding the bottom surface; and

the corners are more elastically deformable than the other
portion of the ring-like lip.

2. The print head cap according to claim 1,

15 wherein the corners are made thinner than the other
portion.

3. The print head cap according to claim 1,

wherein the other portion includes a plurality of side
20 lips;

at least one of the corners includes a corner lip; and
the corner lip connects the side lips with each other.

4. The print head cap according to claim 3,

25 wherein each of the side lips has a front end and is formed

into a tapered sectional shape which is smaller in width as
a location goes from the bottom surface toward the front end;
and

the corner lip has substantially the same height as the
5 side lips and is smaller than the side lips in thickness.

5. The print head lip according to claim 3,
wherein the ring-like lip is formed into a rectangular
shape; and

10 the side lips include a pair of linear side lips on long
sides and a pair of linear side lips on short sides.

6. The print head cap according to claim 1,
wherein the ring-like lip includes a distal end and a
15 groove that urges the distal end to be deformed in an outer
side of the ring-like lip.

7. A print head cap comprising:
a bottom surface; and
20 an elastically deformable lip surrounding the bottom
surface like a ring and protruding toward a nozzle surface of
a print head of an ink jet printer, the lip to be pressed onto
the nozzle surface to cover the nozzle surface therewith;
wherein the lip has a plurality of side lips and a plurality
25 of corner lips connecting the side lips with each other and

changing a direction of surrounding the bottom surface; and

at least one of the plurality of corner lips is formed into an arc-like shape swelling outward and is formed to be lower in height than the side lips.

5

8. The print head cap according to claim 7, wherein the lip protrudes obliquely outward from the bottom surface.